

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (original): A method of storing or transferring an image along with an image-processing parameter for processing said image, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

correcting a reference image-processing parameter set according to a reference resolution image having said reference resolution, based on a difference between said reference resolution and said second resolution, so that it becomes a second parameter corresponding to said second image;

storing or transferring said second parameter obtained by said correction, along with said second image.

2. (original): A method of storing or transferring an image along with an image-processing parameter for processing said image, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the step of:

storing or transferring information on a reference image-processing parameter set according to a reference resolution image having said reference resolution and information on said reference resolution along with said second image.

3. (canceled).

4. (original): A method of storing or transferring an image along with an image-processing parameter for processing said image, and processing said stored or transferred image by use of said stored or transferred parameter, said method comprising, when storing or transferring a second image for storage or transfer which has a second resolution for storage or transfer differing from a reference resolution, the steps of:

storing or transferring information on a reference image-processing parameter set according to a reference resolution image having said reference resolution and information on said reference resolution along with said second image;

correcting said stored or transferred reference image-processing parameter, based on said stored or transferred information on said reference resolution, so that it becomes a second parameter corresponding to said stored or transferred second image; and

processing said stored or transferred second image by use of said second parameter obtained by said correction.

5. (original): An apparatus for storing or transferring an image along with an image-processing parameter for processing said image, said apparatus comprising:

parameter correction means for correcting a reference image-processing parameter set according to a reference resolution image having a reference resolution, based on a difference between said reference resolution and a second resolution for storage or transfer differing from said reference resolution, so that it becomes a second parameter corresponding to a second image for storage or transfer which has said second resolution; and

means for storing or transferring said second parameter obtained by said correction, along with said second image.

6. (original): An apparatus for storing or transferring an image along with an image-processing parameter for processing said image, said apparatus comprising:

means for storing or transferring information on a reference image-processing parameter set according to a reference resolution image having a reference resolution and information on said reference resolution, along with a second image for storage or transfer which has a second resolution for storage or transfer differing from said reference resolution.

7. (canceled).

8. (original): A system for storing or transferring an image along with an image-processing parameter for processing said image, and processing said stored or transferred image by use of said stored or transferred parameter, said system comprising:

means for storing or transferring information on a reference image-processing parameter set according to a reference resolution image having a reference resolution and information on said reference resolution, along with a second image for storage or transfer which has a second resolution for storage or transfer differing from said reference resolution;

parameter correction means for correcting said stored or transferred reference image-processing parameter, based on said stored or transferred information on said reference resolution, so that it becomes a second parameter corresponding to said stored or transferred second image; and

means for processing said stored or transferred second image by use of said second parameter obtained by said correction.

9. (original): An image processor comprising:

parameter correction means for correcting a stored or transferred reference image-processing parameter, based on stored or transferred information on a reference resolution, so that it becomes a second parameter corresponding to a stored or transferred second image; and

means for applying a predetermined image process to said stored or transferred second image use of said second parameter obtained by said correction.

10. (new) The method according to claim 1, wherein said second parameter comprises at least one transform function.

11. (new) The method according to claim 10, wherein each of said at least one transform function respectively correspond to each image signal of said reference resolution image.

12. (new) The method according to claim 4, wherein said second parameter comprises at least one transform function.

13. (new) The method according to claim 12, wherein each of said at least one transform function respectively correspond to each image signal of said reference resolution image.

14. (new) The apparatus according to claim 5, wherein said second parameter comprises at least one transform function.

15. (new) The apparatus according to claim 14, wherein each of said at least one transform function respectively correspond to each image signal of said reference resolution image.

16. (new) The system according to claim 8, wherein said second parameter comprises at least one transform function.

17. (new) The system according to claim 16, wherein each of said at least one transform function respectively correspond to each image signal of said reference resolution image.

18. (new) The system according to claim 9, wherein said second parameter comprises at least one transform function.

19. (new) The system according to claim 18, wherein each of said at least one transform function respectively correspond to each image signal of said reference resolution image.

20. (new) The method according to claim 1, wherein said second parameter is calculated by shifting a reference transform function such that a peak first wavelength of a first image signal corresponding to said reference transform function becomes the same as a second wavelength of a second image signal obtained from information related to the reference resolution image.

21. (new) The apparatus according to claim 5, wherein said parameter correction means comprises a second parameter calculator which calculates said second parameter at least based on acquired information related to said second resolution.

22. (new) The system according to claim 8, wherein said parameter correction means comprises a second parameter calculator which calculates said second parameter at least based on acquired information related to said second resolution.